

BRITISH HEART JOURNAL



In association with the British Cardiac Society

- | | |
|-------------------------------------|--|
| Viewpoint | 1 Does angioplasty need on site surgical cover? A surgeon's view <i>D J Parker</i>
3 Does angioplasty need on site surgical cover? A physician's view <i>T R D Shaw</i> |
| Original articles | 5 Intravenous streptokinase for acute myocardial infarction reduces the occurrence of ventricular late potentials <i>E-W Chew, P Morton, J G Murtagh, M E Scott, D B O'Keeffe</i>
9 Raised plasma concentrations of atrial natriuretic peptide are independent of left atrial dimensions in patients with chronic atrial fibrillation <i>H Berglund, S Boukter, E Theodorsson, H Vallin, O Edhag</i>
14 Antianginal efficacy of exercise training: a comparison with β blockade <i>I C Todd, D Ballantyne</i>
20 Ultrasound in the diagnosis of diaphragmatic paralysis after operation for congenital heart disease <i>S Balaji, P Kunovsky, I Sullivan</i> |
| Case report | 23 Acute myocardial infarction caused by intravenous amphetamine abuse <i>G E Packe, M J Garton, K Jennings</i> |
| Technology | 25 Comparison of the normal sinus node with seven types of rate responsive pacemaker during everyday activity <i>A N Sulke, A Pipilis, R A Henderson, C A Bucknall, E Sowton</i>
32 Percutaneous transluminal coronary angioplasty: catheter technology and procedural guidelines <i>A D Timmis</i> |
| Audit: an independent report | 36 Cardiac interventional procedures in the United Kingdom during 1988 <i>P J B Hubner</i> |
| British cardiology | 38 R M Marquis and Edinburgh cardiology <i>M J Godman</i>
41 Proceedings of the British Cardiac Society |
| Letters | 105 RITA trial protocol <i>K J Beatt, R A Henderson</i>
105 Major complications of coronary arteriography: the place of cardiac surgery <i>P M Holt</i>
105 Catheters or isotopes in the district general hospital? <i>R Underwood</i>
106 Acromegalic heart disease <i>M Csanády, E A Rodrigues, A Lahiri, E B Raftery</i>
106 Severe haemolytic anaemia after replacement of the mitral valve by a St Jude medical prosthesis <i>I W Black, A Hopkins, C L Lee, B Jacobson, W F Walsh</i>
107 Follow up of patients treated with balloon dilatation of the aortic valve <i>D Teien, L Benson</i>
107 Book reviews
108 Notices
Views from the past (4, 22, 40) |

No 1 JULY 1990

Page	Viewpoint
1	Does angioplasty need on site surgical cover? A surgeon's view <i>D J Parker</i>
3	Does angioplasty need on site surgical cover? A physician's view <i>T R D Shaw</i>
	Original articles
5	Intravenous streptokinase for acute myocardial infarction reduces the occurrence of ventricular late potentials <i>E-W Chew, P Morton, J G Murtagh, M E Scott, D B O'Keeffe</i>
9	Raised plasma concentrations of atrial natriuretic peptide are independent of left atrial dimensions in patients with chronic atrial fibrillation <i>H Berglund, S Boukter, E Theodorsson, H Vallin, O Edhag</i>
14	Antianginal efficacy of exercise training: a comparison with β blockade <i>I C Todd, D Ballantyne</i>
20	Ultrasound in the diagnosis of diaphragmatic paralysis after operation for congenital heart disease <i>S Balaji, P Kunovsky, I Sullivan</i>
	Case report
23	Acute myocardial infarction caused by intravenous amphetamine abuse <i>G E Packe, M J Garton, K Jennings</i>
	Technology
25	Comparison of the normal sinus node with seven types of rate responsive pacemaker during everyday activity <i>A N Sulke, A Pipilis, R A Henderson, C A Bucknall, E Sowton</i>
32	Percutaneous transluminal coronary angioplasty: catheter technology and procedural guidelines <i>A D Timmis</i>
	Audit: an independent report
36	Cardiac interventional procedures in the United Kingdom during 1988 <i>P J B Hubner</i>
	British cardiology
38	R M Marquis and Edinburgh cardiology <i>M J Godman</i>
41	Proceedings of the British Cardiac Society
	Letters
105	RITA trial protocol <i>K J Beatt; R A Henderson</i>
105	Major complications of coronary arteriography: the place of cardiac surgery <i>P M Holt</i>
105	Catheters or isotopes in the district general hospital? <i>R Underwood</i>
106	Acromegalic heart disease <i>M Csanády; E A Rodrigues, A Lahiri, E B Raftery</i>
106	Severe haemolytic anaemia after replacement of the mitral valve by a St Jude medical prosthesis <i>I W Black, A Hopkins, C L Lee, B Jacobson, W F Walsh</i>
107	Follow up of patients treated with balloon dilatation of the aortic valve <i>D Teien; L Benson</i>
107	Book reviews
108	Notices
	Views from the past (4, 22, 40)

No 2 AUGUST 1990

	Editorials
109	Ultrasound and coarctation of the aorta <i>J L Gibbs</i>
111	ST segment changes as a surrogate end point in coronary thrombolysis <i>W S Hillis, K J Hogg</i>
	Original articles
113	Reduction in ST segment elevation after thrombolysis predicts either coronary reperfusion or preservation of left ventricular function <i>R K Saran, M Been, S S Furniss, T Hawkins, D S Reid</i>
118	Enhanced thrombolytic efficacy and reduction of infarct size by simultaneous infusion of streptokinase and heparin <i>G Melandri, A Branzi, F Semprini, V Cervi, N Galiè, B Magnani</i>
121	Measurement of cardiac reserve in cardiogenic shock: implications for prognosis and management <i>L-B Tan, W A Littler</i>
129	Acute effects of ethanol on left ventricular diastolic function <i>M Kupari, P Koskinen, M Hynynen, M Salmenperä, M Ventilä</i>
133	Continuous wave Doppler echocardiography and coarctation of the aorta: gradients and flow patterns in the assessment of severity <i>J S Carvalho, A N Redington, E A Shinebourne, M L Rigby, D Gibson</i>
138	Morphological evaluation of atrioventricular septal defects by magnetic resonance imaging <i>J M Parsons, E J Baker, R H Anderson, E J Ladusans, A Hayes, S A Qureshi, P B Deverall, N Fagg, A Cook, M N Maisey, M Tynan</i>
146	An association between left axis deviation and an aneurysmal defect in children with a perimembranous ventricular septal defect <i>O Farrú-Albohaire, G Arcil, I Hernández</i>
151	Use of balloon dilatation to treat supravulvar pulmonary stenosis developing after anatomical correction for complete transposition <i>A Saxena, L V Fong, B C Ogilvie, B R Keeton</i>
156	Idiopathic infantile arterial calcification in two siblings: failure of treatment with diphosphonate <i>G Stuart, C Wren, H Bain</i>
	Case report
160	Pulmonary venous atrial obstruction after the Senning procedure: relief by catheter balloon dilatation <i>J D Coulson, R B Jennings Jr, D H Johnson</i>
	Technology
163	Percutaneous transcatheter myectomy of subvalvar pulmonary stenosis in tetralogy of Fallot: a new palliative technique with an atherectomy catheter <i>S A Qureshi, J M Parsons, M Tynan</i>
	Anglo-American cardiology
166	Samuel A Levine's first world war encounters with Mackenzie and Lewis <i>C F Wooley, J M Stang</i>
159	British Cardiac Society newsletter
159	Notices

- Editorial**
- 171 Life at a price: the implantable defibrillator *R W F Campbell*
- Review**
- 174 Late potentials as predictors of risk after thrombolytic treatment? *G Breithardt, M Borggrefe, U Karbenn*
- Original articles**
- 177 Safety and efficacy of repeat thrombolytic treatment after acute myocardial infarction *H D White, D B Cross, B F Williams, R M Norris*
- 182 Multivariate analysis in the prediction of death in hospital after acute myocardial infarction *Y Sahasakul, S Chaithiraphan, P Panchavinnin, P Jootar, V Thongtang, N Srivanasont, N Charoenchob, C Kangkagate*
- 186 Ischaemic left ventricular failure: evidence of sustained benefit after 18 months' treatment with xamoterol *E Vigholt-Sørensen, O Faergeman*
- 190 Transoesophageal echocardiography improves the diagnostic value of cardiac ultrasound in patients with carcinoid heart disease *L Lundin, J Landelius, B Andrén, K Öberg*
- 195 Echocardiographic diagnosis of a ruptured aneurysm of the sinus of Valsalva: operation without catheterisation in seven patients *Y Sahasakul, P Panchavinnin, S Chaithiraphan, P Sakiyalak*
- Epidemiology**
- 199 Geographical clustering of risk factors and lifestyle for coronary heart disease in the Scottish Heart Health Study *I K Crombie, W C S Smith, R Tavendale, H Tunstall-Pedoe*
- Case reports**
- 204 Replacement of an aortic valve cusp after neonatal endocarditis *R M R Tulloh, E D Silove, L D Abrams*
- 206 Hyponatraemia secondary to an inappropriately high release of antidiuretic hormone in cardiac tamponade *P H Groves, A M Shah, S J Hutchison*
- 208 Aberrant origin of the right coronary artery as a potential cause of sudden death: successful anatomical correction *C Nelson-Piercy, A F Rickards, M H Yacoub*
- Technology**
- 211 Cardiac catheterisation with 5 French catheters *J J O'Sullivan, K McDonald, P A Crean, M J Walsh, C McCarthy, R J Erwin, B J Maurer*
- Measurement**
- 214 Discrepancies in the measurement of isovolumic relaxation time: a study comparing M mode and Doppler echocardiography *C H Lee, F Vancheri, M S Josen, D G Gibson*
- British cardiology**
- 219 Can rationing of cardiological services be rational? *D Chamberlain, R Alderslade*
- Views from the past**
- 223 The last portrait of Willem Einthoven: newly discovered links between Sir Thomas Lewis and Alexander Samojloff *D M Krikler, A Hollman*
- 227 **Letter to the editor · Book reviews · British Cardiac Society newsletter · Notices**

- Editorials**
- 231 Endocavitary ablation of atrioventricular conduction *D Cunningham, E Rowland*
- 234 Mitral valve surgery: to repair or replace? *D P Taggart, D J Wheatley*
- Original articles**
- 236 Systemic pattern of free radical generation during coronary bypass surgery *S W Davies, S M Underwood, D G Wickens, R O Feneck, T L Dormandy, R K Walesby*
- 241 Rapid resolution of ST elevation and prediction of clinical outcome in patients undergoing thrombolysis with alteplase (recombinant tissue-type plasminogen activator): results of the Israeli Study of Early Intervention in Myocardial Infarction *G I Barbash, A Roth, H Hod, H I Miller, S Rath, Y Har-Zahav, M Modan, U Seligsohn, A Battler, E Kaplinsky, B Rabinowitz, S Laniado*
- 248 Does blood rheology revert to normal after myocardial infarction? *E Ernst, U Krauth, K L Resch, H F Paulsen*
- 251 Prospective evaluation of a protocol for induction of sustained ventricular tachycardia in patients referred to a tertiary centre *M J Griffith, N J Linker, D Mehta, D E Ward, A J Camm*
- 256 Placebo controlled trial of xamoterol versus digoxin in chronic atrial fibrillation *E L Ang, W L Chan, J G F Cleland, D Moore, S J Krikler, N D E Alexander, C M Oakley*
- 261 Use of computed tomographic scanning and aortography in the diagnosis of acute dissection of the thoracic aorta *J M Morgan, P J Oldershaw, H H Gray*
- 266 Abnormal diastolic function in patients with type 1 diabetes and early nephropathy *M J Sampson, J B Chambers, D C Sprigings, P L Drury*
- 272 Doppler echocardiographic evaluation of pulmonary artery flow after modified Fontan operation: importance of atrial contraction *S A Qureshi, R Richheimer, R McKay, R Arnold*
- 277 Primary balloon dilatation of coarctation of the aorta in neonates *A N Redington, P Booth, D F Shore, M L Rigby*
- Technology**
- 282 Transoesophageal echocardiography in the longitudinal axis: correlation between anatomy and images and its clinical implications *O Stümper, A G Fraser, S Y Ho, R H Anderson, L Chow, M J Davies, J R T C Roelandt, G R Sutherland*
- Case report**
- 289 Rash after treatment with anistreplase *N Burrows, R R Jones*
- 276 **Views from the past**
- 281 **Correction**
- 290 **British Cardiac Society newsletter**
- 290 **Notices**

Editorials

- 291 Getting a handle on the prevalence of coronary heart disease *R J Simpson, A White*
 293 Exercise and heart disease: Is there still a controversy? *D S Tunstall Pedoe*

Original articles

- 295 Prevalence of coronary heart disease in Scotland: Scottish Heart Health Study *W C S Smith, M B Kenicer, H Tunstall-Pedoe, E C Clark, I K Crombie*
 299 Transient myocardial ischaemia after acute myocardial infarction *P Currie, S Saltissi*
 304 Relation between intraventricular pressure and volume in diastole *A L Yettram, B S Grewal, D G Gibson, J R Dawson*
 309 The limited potential of special ambulance services in the management of cardiac arrest *J M Rowley, C Garner, J R Hampton*
 313 Novel exercise protocol suitable for use on a treadmill or a bicycle ergometer *D B Northridge, S Grant, I Ford, J Christie, J McLenachan, D Connelly, J McMurray, S Ray, E Henderson, H J Dargie*
 317 Plasma concentration of atrial natriuretic peptide in spontaneous atrioventricular re-entrant tachycardias of childhood *M Burch, J A Till, M L Rigby, E A Shinebourne, N D Carter, S Jeffery, A Smith*
 321 Operative findings after percutaneous pulmonary balloon dilatation of the right ventricular outflow tract in tetralogy of Fallot *S A Battistessa, A Robles, M Jackson, S Miyamoto, R Arnold, R McKay*
 325 Tetralogy of Fallot with anomalous pulmonary venous connections: a rare but clinically important association *A N Redington, J Raine, E A Shinebourne, M L Rigby*
 329 Diagnostic echocardiographic features of the sinus venosus defect *J A Ettedgui, R D Siewers, R H Anderson, S C Park, E Pahl, J R Zuberbuhler*
 332 Coarctation of the aorta and post-stenotic aneurysm formation *I M Mitchell, J C S Pollock*

Case reports

- 334 Supravalvar aortic stenosis: a complication of aortic valve surgery *D R Holdright, G C Sutton*
 336 Aortic atresia: survival to adulthood without surgery *P Maxwell, J Somerville*
 338 Restoration of sinus rhythm during two consecutive pregnancies in a woman with congenital complete heart block *D R Holdright, G C Sutton*
 340 Eustachian valve endocarditis *I Vilacosta, J A San Roman, V Roca*

Technology

- 342 Balloon dilatation of the mitral valve by a single bifoil (2 × 19 mm) or trefoil (3 × 15 mm) catheter *J Patel, S Vythilingum, A S Mitha*

Letters to the editor**Views from the past****British Cardiac Society newsletter****Notices****Review**

- 351 Restenosis after angioplasty *A H Gershlick, D P de Bono*

Christmas editorial

- 354 Up tempo, down tempo *R M Pearson*

Original articles

- 355 A systemic non-lytic state and local thrombolytic failure of anistreplase (anisoylated plasminogen streptokinase activator complex, APSAC) in acute myocardial infarction *J Brügemann, J van der Meer, B H Takens, H Hillege, K I Lie*
 359 Excess purine degradation caused by an imbalance in the supply of adenosine triphosphate in patients with congestive heart failure *I Hisatome, R Ishiko, H Miyakoda, M Saito, H Kitamura, T Kinugawa, M Kobayashi, H Kotake, H Mashiba, R Sato*
 362 Dipyridamole magnetic resonance imaging: a comparison with thallium-201 emission tomography *D J Pennell, S R Underwood, P J Ell, R H Swanton, J M Walker, D B Longmore*
 370 A controlled trial of community based coronary rehabilitation *H J N Bethell, M A Mullee*
 376 Changes in the electrocardiographic response to exercise in healthy women *J W Deckers, R V H Vinke, J R Vos, M L Simoons*
 381 Increase in native valve endocarditis caused by coagulase negative staphylococci: an Anglo-French clinical and microbiological study *J Etienne, S J Eykyn*
 385 Anomalous subaortic position of the brachiocephalic vein (innominate vein): an echocardiographic study *J Y Choi, M J Jung, Y H Kim, C I Noh, Y S Yun*
 388 Circadian variation of heart rate is affected by environment: a study of continuous electrocardiographic monitoring in members of a symphony orchestra *D Mulcahy, J Keegan, A Fingret, C Wright, A Park, J Sparrow, D Curcher, K M Fox*
 393 Patients' observations of bioprosthetic valve failure: "My heart is honking, doctor" *M Errington, P Bloomfield, I R Starkey, T R D Shaw*

Measurement

- 395 A new method of haemodynamic assessment of mitral stenosis in atrial fibrillation: construction of a nomogram *S W Davies, J E Gardener, T J Bowker, A D Timmis, R Balcon*

Case reports

- 400 Acute pulmonary oedema on the Ruwenzori mountain range *R Naeije, C Mèlot*
 403 Glossopharyngeal neuralgia associated with cardiac syncope: long term treatment with permanent pacing and carbamazepine *R T Johnston, V J Redding*
 406 Rapid histological changes in endomyocardial biopsy specimens after myocarditis *A M Keogh, M E Billingham, J S Schroeder*

Views from the past**Letters to the editor****Book review****British Cardiac Society newsletter****Notices****Index**